

## **ABSTRACT**

A lamp assembly with an integrated Light Emitting Diode support frame is described. An electrically conductive lead frame is formed onto a lamp housing, or onto the internal surface of a lamp housing. Surface mounted LED light sources and associated drive components are attached to the lead frame, and thus to the housing. A positive terminal and a negative terminal are formed from the lead frame on the inside to the outside of the housing, so that electricity may be transmitted from an external source to the LED light sources on the inside of the housing. The LED light sources are energized by the conductive lead frame formed into or onto the housing, thus eliminating the need for a separate printed circuit board with a conductive lead frame.

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